

SWEENEY RIDGE WATER TANK (WATER TANK NO. 7) REPLACEMENT PROJECT

Council Meeting

September 10, 2019

Jimmy Tan, P.E.

Public Works Director



Agenda

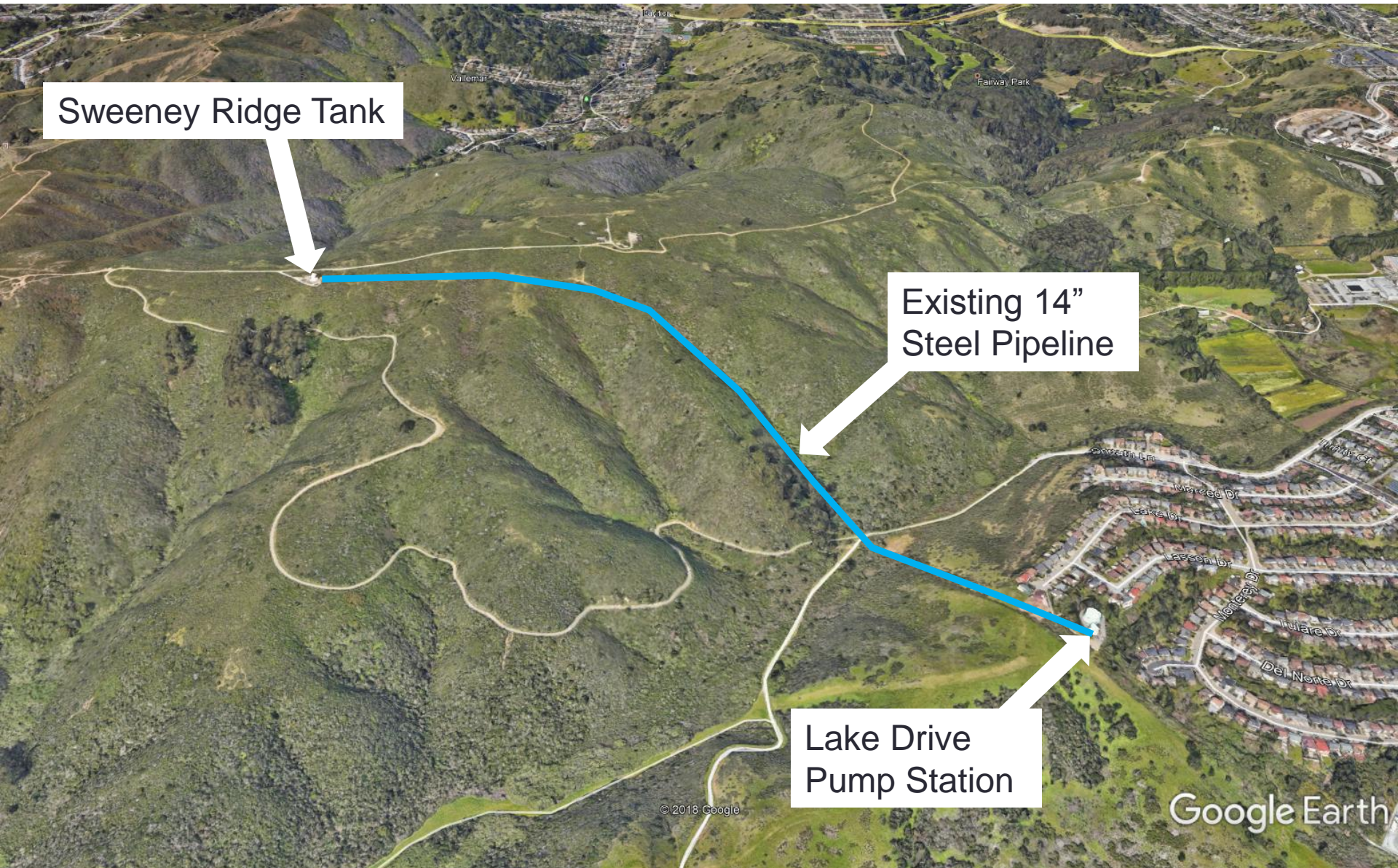
- Background
- Consultant Selection
- Scope of Work, Schedule and Budget
- Alternatives
- Recommendations

Background

- City's Water Distribution System
 - Pressure Zones: 11
 - Distribution Pipelines: Approximately 120 miles
 - Connections to SFPUC System: 4
 - Storage Tanks: 8
 - Pump Stations: 8
 - Pressure Regulating Stations: 26
 - Groundwater Wells: 4 active
- Completed Water Master Plan in 2012
 - Identified replacement of Sweeney Ridge (Water Tank No. 7)

Project Location





Sweeney Ridge (Water Tank No. 7)

- **Constructed:** 1955
- **Capacity:** 400,000 gallons
- **Existing Tank Material:** Steel
- **New Tank Material:** Pre-stressed concrete



Consultant Selection

- Issued Request for Proposal in April 2019
- Received three proposals
- Evaluated proposals based on criteria:
 - Project understanding and approach
 - Qualifications and experience of project manager and team
 - Qualifications relating to design of water tanks and pipelines
 - Completion of similar projects for public agencies
 - Manpower labor effort to effectively and efficiently complete the project
- Recommending award of design contract to West Yost Associates

Scope of Work and Schedule

- **Scope of Work**

- Environmental Evaluation
- Geotechnical Investigation
- Seismic design
- Corrosion, pipeline and tank design
- Preparation of bid documents

- **Schedule**

- Design Phase: 12 months
- Construction Phase: 12 months

- **Budget**

- \$498,340 available in FY 2019-20
- Additional appropriation of \$393,810 needed from Water Fund

Alternatives

1. Direct further review of submitted proposals for selection of different firm from the current proposals.
2. Request staff to issue new request for proposal.

Recommendation

- Adopt Resolution Authorizing the City Manager to Execute an Agreement with West Yost Associates for the Design of the Sweeney Ridge Water Tank (Water Tank No. 7) Replacement Project in an Amount Not to Exceed \$842,150 and Approve the Appropriation of \$393,810 from the Water Fund

Questions?

Sweeney Ridge Tank (Water Tank No. 7)

